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DATE: 7/6/04
TO: Examiner Binh C.Tat
COMPANY: USPTO
FROM: Elena Saqellari
PAGES: 3 (including this page)

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Examiner Binh Tat:

For the application S/N 10/062,047, we received a Notice of Allowance mailed on 4/23/2004. Thank you for this Notice of Allowance. However, please note that we submitted an IDS prior to the Notice of Allowance on 3/31/2003. This IDS was not made of record. We are including a 1449 Form from this IDS in this fax. Please review the references and make them of record by initialing and signing this 1449 Form. If you have any questions, please call me at the number below.

Regards,

Elena Saqellari

Stattler, Johansen & Adeli LLP
P.O. Box 51860
Palo Alto, CA 94303-0728

Phone No. (650) 752-0990 x108
Fax No. (650) 752-0995

Submitted on 7/31/03

PTO/SB/08A (03-09) Update 1.0

Approved for use through 10/31/2002. OMB 0501-0001

Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	10/062,047
		Filing Date	1/31/02
		First Named Inventor	Steven Teig, et al.
		Group Art Unit	2825
		Examiner Name	
Sheet 1 of 2	Attorney Docket Number	SPLX.P0161	

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RELATED U.S. PATENT APPLICATIONS

Examiner's Initials	Date No.	U.S. Patent Application Serial Number	Name of Patentee or Applicant of Cited Document	Date of Filing MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	10/052,017	Steven Teig & Asmus Hetzel	01-31-02	
	2.	10/061,459	Steven Teig & Asmus Hetzel	01-31-02	
	3.	10/062,014	Steven Teig & Asmus Hetzel	01-31-02	
	4.	10/062,044	Steven Teig & Asmus Hetzel	01-31-02	
	5.	10/066,264	Steven Teig & Asmus Hetzel	01-31-02	
	6.	10/065,188	Steven Teig & Asmus Hetzel	01-31-02	
	7.	10/062,992	Steven Teig & Asmus Hetzel	01-31-02	
	8.	10/061,474	Steven Teig & Asmus Hetzel	01-31-02	
	9.	10/061,719	Steven Teig & Asmus Hetzel	01-31-02	
	10.	10/066,456	Steven Teig & Asmus Hetzel	01-31-02	
	11.	10/062,893	Steven Teig & Asmus Hetzel	01-31-02	

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U.S. PATENT DOCUMENTS

Examiner's Initials	Date No.	U.S. Patent Document Number (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	12.	5,849,165	Jain et al.	07-15-97	
	13.	6,301,887 B1	Jain et al.	10-09-01	

Examiner's Signature	Date Considered
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* EXAMINER: Initial of reference cited, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

* Unique prior art designation number. * See attached Kings of U.S. Patent Documents. * Enter Office that issued the document, by the two-letter code (EPO, Standard 31-5). * For Japanese patent documents, the indication of the year of the month of the Empire must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. * Applicant is to place a check mark here if English language translation is attached.

App. for use in U.S. Patent Office
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Form 1449A/PTO (Rev. 10/2002)

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Application Number	10/C67,047
Filing Date	1/31/02
First Named Inventor	Steven Teng, et al.
Group Art Unit	2825
Examiner Name	
Attorney Docket Number	SPLX.P0101

Sheet 2 of 2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Document Number	Reference
14.	Provide name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published. G. Jongenck, R. Oiten, Y. Watanabe and R. K. Brayton, Area and Search Space Control for Technology Mapping, 32 nd Design Automation Conference, 86-91, 2000.
15.	Henrik Reil Andersen, An Introduction to Binary Decision Diagrams, October 1997 (minor revisions April 1998), 35 pp.
16.	Jerry Burch and David Long, Efficient Boolean Function Matching, Proc. ICCAD 1982, 408-411.
17.	John Fishburn, A Depth-Decreasing Heuristic for Combinational Logic, or How to Convert Ripple-Carry Adder into a Carry-Lookahead Adder or Anything in-Between, Proceedings of the 27 th Design Automation Conference, 301-304, 1990.
18.	Kamal Chaudhary and Massoud Pedram, A Near Optimal Algorithm for Technology Mapping Minimizing Area under Delay Constraints, Proceedings of the 29 th Design Automation Conference, 482-488, 1992.
19.	Kurt Keutzer, DAGON: Technology Binding and Local Optimization by DAG Matching, Proceedings of the 24 th Design Automation Conference, 341-347, 1987.
20.	Randal Bryant, Symbolic Boolean Manipulation with Ordered Binary Decision Diagrams, CMU CS Tech. Report CMU-CS-92-189.
21.	Dave Hensberger and Reiner Kolla, Boolean Matching for Large Libraries, Proceedings of the 35 th Design Automation Conference, 206-211, June 1998.
22.	Yoji Kakimoto, Robert K. Brayton, and Prashant Sawkar, Delay-Optimal Technology Mapping by DAG Covering, Dept. of Electrical Engineering and Computer Science, University of California, Berkeley, Strategic CAD Laboratories, Intel Corp., October 1997.
23.	Zbigniew J. Czech, et al., An Optimal Algorithm for Generating Minimal Perfect Hashing Functions, Information Processing Letters, 43(5): 257-264, October 1992.

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Examiner Signature	Date Considered
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* The publication designation number. * See attached kinds of U.S. Patent Documents. * Enter Office that issued the document, by the two-letter code (USPTO, EPO, etc.). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * For documents by the appropriate symbols as indicated on the document under WIPO Standard ST-16.1 (see list). * Applicant's name and address. * If the document is not in English, attach a translation.